

1A12 Rec'd PCT/PTO 07 JUN 2007

PTO/SB/21 (09-06)

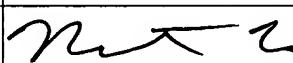
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/581,657
		I.A. Filing Date	December 3, 2004
		First Named Inventor	Okada
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission		Attorney Docket Number	GWS-005

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input checked="" type="checkbox"/> Reply to Notification of Missing Requirements under 35 U.S.C. 371 <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Executed Declaration and Power of Attorney - Copy of Notification of Missing Requirements under 35 U.S.C. 371 - Certificate of First Class Mailing - Return Receipt Postcard
<input type="checkbox"/> Remarks		

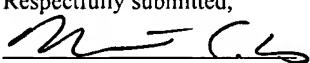
## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	GOODWIN PROCTER LLP		
Signature			
Printed name	Natasha Us		
Date	June 4, 2007	Reg. No.	44,381

LIBC/3025810

# FEE TRANSMITTAL

<i>Complete if Known</i>	
Application Serial Number	10/581,657
I.A. Filing Date	December 3, 2004
First Named Inventor	Okada
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	GWS-005

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																														
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee (\$)</th> <th style="text-align: left;">Small Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td style="text-align: right;">130.00</td></tr> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>Request for ex parte reexamination</td><td></td></tr> <tr><td>120</td><td>60</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>450</td><td>225</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1020</td><td>510</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1590</td><td>795</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>2160</td><td>1080</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>500</td><td>250</td><td>Notice of Appeal</td><td></td></tr> <tr><td>500</td><td>250</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1000</td><td>500</td><td>Request for oral hearing</td><td></td></tr> <tr><td>400</td><td>400</td><td>Petitions to the Commissioner (Gp. I)</td><td></td></tr> <tr><td>200</td><td>200</td><td>Petitions to the Commissioner (Gp. II)</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner (Gp. III)</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>790</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>790</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>100</td><td>100</td><td>Certificate of Correction for applicant's error</td><td></td></tr> <tr><td>130</td><td>65</td><td>Submission of Terminal Disclaimer</td><td></td></tr> <tr><td colspan="2">Other fee (Specify) _____</td><td></td><td></td></tr> <tr><td colspan="2">Other fee (Specify) _____</td><td></td><td></td></tr> </tbody> </table>			Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath	130.00	50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		120	60	Extension for reply within first month		450	225	Extension for reply within second month		1020	510	Extension for reply within third month		1590	795	Extension for reply within fourth month		2160	1080	Extension for reply within fifth month		500	250	Notice of Appeal		500	250	Filing a brief in support of an appeal		1000	500	Request for oral hearing		400	400	Petitions to the Commissioner (Gp. I)		200	200	Petitions to the Commissioner (Gp. II)		130	130	Petitions to the Commissioner (Gp. III)		180	180	Submission of Information Disclosure Statement		790	395	Filing a submission after final rejection (37 CFR 1.129(a))		790	395	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error		130	65	Submission of Terminal Disclaimer		Other fee (Specify) _____				Other fee (Specify) _____			
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 07-1700. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit. 3. <input type="checkbox"/> Applicant claims small entity status.																																																																																																
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Direct all correspondence to:		Respectfully submitted,  Natasha C. Us Attorney for the Applicant Goodwin Procter LLP Exchange Place Boston, MA 02109 Tel. No.: (617) 570-1000 Fax No.: (617) 523-1231 Customer No. 051414																																																																																														

**PATENT**  
Attorney Docket No. GWS-005  
(104023/143729)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT:	Okada	CONF. NO.:	4969
SERIAL NO.:	10/581,657	GROUP NO.:	Not yet assigned
I.A. FILING DATE:	December 3, 2004	EXAMINER:	Not yet assigned
TITLE:	SYSTEM AND METHOD TO REDUCE METAL SERIES RESISTANCE OF BUMPED CHIP		

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.**  
**371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

This paper is being filed in response to the Notification of Missing Requirements mailed on April 11, 2007. Applicant encloses a copy of an executed Declaration and Power of Attorney form, and a check in the amount of \$130.00 to cover the surcharge for a late fee or declaration. Applicants believe that no other fees are necessitated by the present paper. However, in the event that any additional fees are due, the Commissioner is hereby authorized to charge any such fees to Deposit Account No. 07-1700, under Order No. GWS-005.

06/12/2007 GFREY1 00000136 10581657

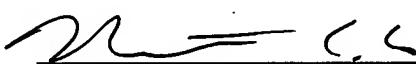
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130.00 DP

Date: June 4, 2007  
Reg. No. 44,381

Tel. No.: (617) 570-1806  
Fax No.: (617) 523-1231

Respectfully submitted,

  
Natasha C. Us  
Attorney for Applicant  
Goodwin Procter LLP  
Exchange Place  
Boston, Massachusetts 02109



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/581,657	David N. OKADA	GWS005
		INTERNATIONAL APPLICATION NO.
		PCT/US04/40698
		I.A. FILING DATE      PRIORITY DATE
		12/03/2004      12/04/2003
CONFIRMATION NO. 4969		
371 FORMALITIES LETTER		
 *OC000000023325715*		

Date Mailed: 04/11/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/01/2006
- Copy of the International Search Report filed on 06/01/2006
- Preliminary Amendments filed on 06/01/2006
- Information Disclosure Statements filed on 06/01/2006
- Request for Immediate Examination filed on 06/01/2006
- U.S. Basic National Fees filed on 06/01/2006
- Priority Documents filed on 06/01/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/581,657	PCT/US04/40698	GWS005

FORM PCT/DO/EO/905 (371 Formalities Notice)

**PATENT**  
Attorney Docket No. GWS-005  
(104023/143729)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Okada CONF. NO.: 4969  
SERIAL NO.: 10/581,657 GROUP NO.: Not yet assigned  
I.A. FILING DATE: December 3, 2004 EXAMINER: Not yet assigned  
TITLE: SYSTEM AND METHOD TO REDUCE METAL SERIES  
RESISTANCE OF BUMPED CHIP

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 4th day of June, 2007.

Carrah Malone  
Carrah Malone

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Siri:

Submitted herewith are:

1. Transmittal Form (1 page);
2. Fee Transmittal (1 page);
3. Response to Notification of Missing Requirements under 35 U.S.C. 371 (1 page);
4. Copy of Notification of Missing Requirements under 35 U.S.C. 371 (2 pages);
5. Executed Declaration and Power of Attorney (2 pages);
6. Check in the amount of \$130.00; and
7. Return receipt postcard